



PCT10

RAW SEQUENCE LISTING

DATE: 08/06/2002

PATENT APPLICATION: US/10/030,605A

TIME: 16:28:20

Input Set : A:\1406-37.ST25.txt

Output Set: N:\CRF3\08062002\J030605A.raw

3 <110> APPLICANT: SciI Proteins GmbH
 4 Fiedler, Ulrike
 5 Rudolph, Rainer
 7 <120> TITLE OF INVENTION: DESIGN OF BETA-SHEET PROTEINS WITH SPECIFIC BINDING

PROPERTIES

9 <130> FILE REFERENCE: P12389 / 1406-37
 11 <140> CURRENT APPLICATION NUMBER: US 10/030,605A
 12 <141> CURRENT FILING DATE: 2002-01-09
 14 <150> PRIOR APPLICATION NUMBER: PCT/EP00/06698
 15 <151> PRIOR FILING DATE: 2000-07-13
 17 <160> NUMBER OF SEQ ID NOS: 25
 19 <170> SOFTWARE: PatentIn version 3.0
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 45
 23 <212> TYPE: DNA

C--> 24 <213> ORGANISM: Artificial

26 <220> FEATURE:

27 <223> OTHER INFORMATION: GCLIE1B primer designed according to mutant bovine gamma-II

cryst

28 alline DNA sequence. See Figure 1.

30 <220> FEATURE:

31 <221> NAME/KEY: misc_feature

32 <222> LOCATION: (1)..(45)

33 <223> OTHER INFORMATION: GCLIE1B primer designed according to mutant bovine gamma-II

cryst

34 alline DNA sequence. See Figure 1.

37 <400> SEQUENCE: 1

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45

41 <210> SEQ ID NO: 2

42 <211> LENGTH: 50

43 <212> TYPE: DNA

C--> 44 <213> ORGANISM: Artificial

46 <220> FEATURE:

47 <223> OTHER INFORMATION: GCLIE10 primer designed according to mutant bovine gamma-II

cryst

48 alline DNA sequence. See Figure 1

50 <220> FEATURE:

51 <221> NAME/KEY: misc_feature

52 <222> LOCATION: (1)..(50)

53 <223> OTHER INFORMATION: GCLIE10 primer designed according to mutant bovine gamma-II

cryst

54 alline DNA sequence. See Figure 1.

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61 <210> SEQ ID NO: 3
62 <211> LENGTH: 41
63 <212> TYPE: DNA
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67 <223> OTHER INFORMATION: GCLIA11B primer designed according to mutant bovine gamma-II
crys
68     talline DNA sequence. See Figure 1
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71 <221> NAME/KEY: misc_feature
72 <222> LOCATION: (1)..(41)
73 <223> OTHER INFORMATION: GCLIA11B primer designed according to mutant bovine gamma-II
crys
74     talline DNA sequence. See Figure 1.
77 <400> SEQUENCE: 3
78 ccatcagccc catcagcgaa ctttgccgca ggaagtactg g                               41
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82 <211> LENGTH: 48
83 <212> TYPE: DNA
C--> 84 <213> ORGANISM: Artificial
86 <220> FEATURE:
87 <223> OTHER INFORMATION: GCFORNOT primer for amplification of bovine gamma-II
crystalline
88     DNA in plasmid pGII. See Figures 3 and 4
90 <220> FEATURE:
91 <221> NAME/KEY: misc_feature
92 <222> LOCATION: (1)..(48)
93 <223> OTHER INFORMATION: GCFORNOT primer for amplification of bovine gamma-II
crystalline
94     DNA in plasmid pGII. See Figures 3 and 4
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102 <211> LENGTH: 59
103 <212> TYPE: DNA
C--> 104 <213> ORGANISM: Artificial
106 <220> FEATURE:
107 <223> OTHER INFORMATION: GCBACKSfiBst primer for amplification of bovine gamma-II
crystall
108     ine DNA in plasmid pGII. See Figures 3 and 4
110 <220> FEATURE:
111 <221> NAME/KEY: misc_feature
112 <222> LOCATION: (1)..(59)
113 <223> OTHER INFORMATION: GCBACKSfiBst primer for amplification of bovine gamma-II
crystall
114     ine DNA in plasmid pGII. See Figures 3 and 4
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118 gcggcccagc cggccgctgc tggatgctgt atgagcgccc caactaccag ggtcaccag           59
121 <210> SEQ ID NO: 6
122 <211> LENGTH: 55
123 <212> TYPE: DNA
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126 <220> FEATURE:
127 <223> OTHER INFORMATION: GCBACKSfi primer for amplification of bovine gamma-II
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128     DNA in plasmid pGII
130 <220> FEATURE:

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131 <221> NAME/KEY: misc_feature
132 <222> LOCATION: (1)..(55)
133 <223> OTHER INFORMATION: GCBACKSfi primer for amplification of bovine gamma-II
crystalline

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147 <223> OTHER INFORMATION: pCAR1LAB primer for DNA sequencing.
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150 <221> NAME/KEY: misc_feature
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152 <223> OTHER INFORMATION: pCAR1LAB primer for DNA sequencing.
155 <400> SEQUENCE: 7
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165 <223> OTHER INFORMATION: GCLISEQ primer for DNA sequencing.
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169 <222> LOCATION: (1)..(21)
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178 <211> LENGTH: 176
179 <212> TYPE: DNA
180 <213> ORGANISM: Bos sp.
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185 ttacagttgc aatagcgact gcccacacct gcagccctat ttcagccgct gtaactccat      120
187 caggggtgctg agcggctgct ggatgctgta tgagcgcccc aactaccagg gtcacc      176
190 <210> SEQ ID NO: 10
191 <211> LENGTH: 176
192 <212> TYPE: DNA
193 <213> ORGANISM: Bos sp.
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198 ctacgagtgc agcagcgact gcccacacct gcagccctat ttcagccgct gtaactccat      120
200 ccgcgtggac agcggctgct ggatgctgta tgagcgcccc aactaccagg gccacc      176
203 <210> SEQ ID NO: 11
204 <211> LENGTH: 55
205 <212> TYPE: DNA
C--> 206 <213> ORGANISM: Artificial
208 <220> FEATURE:
209 <223> OTHER INFORMATION: GCLIE2P primer designed according to mutant bovine gamma-II
cryst

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213 <221> NAME/KEY: misc_feature
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215 <223> OTHER INFORMATION: GCLIE2P primer designed according to mutant bovine gamma-II
cryst
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224 <211> LENGTH: 36
225 <212> TYPE: DNA
C--> 226 <213> ORGANISM: Artificial
228 <220> FEATURE:
229 <223> OTHER INFORMATION: GCLI3P primer designed according to mutant bovine gamma-II
crysta
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233 <221> NAME/KEY: misc_feature
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235 <223> OTHER INFORMATION: GCLI3P primer designed according to mutant bovine gamma-II
crysta
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240 <221> NAME/KEY: misc_feature
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242 <223> OTHER INFORMATION: n is a, c, g, or t
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246 <221> NAME/KEY: misc_feature
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248 <223> OTHER INFORMATION: k is g or t
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C--> 258 <213> ORGANISM: Artificial
260 <220> FEATURE:
261 <223> OTHER INFORMATION: GCLIB4P primer designed according to mutant bovine gamma-II
cryst
262      alline DNA sequence. See Figure 1.
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265 <221> NAME/KEY: misc_feature
266 <222> LOCATION: (1)..(24)
267 <223> OTHER INFORMATION: GCLIB4P primer designed according to mutant bovine gamma-II
cryst
268      alline DNA sequence. See Figure 1.
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272 gtggccctgg aagccccggt cctc          24
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276 <211> LENGTH: 44
277 <212> TYPE: DNA
C--> 278 <213> ORGANISM: Artificial

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280 <220> FEATURE:

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281 <223> OTHER INFORMATION: GCLI5P primer designed according to mutant bovine gamma-II
crysta
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285 <221> NAME/KEY: misc_feature
286 <222> LOCATION: (1)..(44)
287 <223> OTHER INFORMATION: GCLI5P primer designed according to mutant bovine gamma-II
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288      lline DNA sequence. See Figure 1.
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293 <222> LOCATION: (1)..(44)
294 <223> OTHER INFORMATION: n is a, c, g, or t
297 <220> FEATURE:
298 <221> NAME/KEY: misc_feature
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300 <223> OTHER INFORMATION: k is g or t
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309 <212> TYPE: DNA
C--> 310 <213> ORGANISM: Artificial
312 <220> FEATURE:
313 <223> OTHER INFORMATION: GCLIB6P primer designed according to mutant bovine gamma-II
crysta
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317 <221> NAME/KEY: misc_feature
318 <222> LOCATION: (1)..(20)
319 <223> OTHER INFORMATION: GCLIB6P primer designed according to mutant bovine gamma-II
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328 <211> LENGTH: 47
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333 <223> OTHER INFORMATION: GCLIB7P primer designed according to mutant bovine gamma-II
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334      alline DNA sequence. See Figure 1.
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337 <221> NAME/KEY: misc_feature
338 <222> LOCATION: (1)..(47)
339 <223> OTHER INFORMATION: GCLIB7P primer designed according to mutant bovine gamma-II
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340      alline DNA sequence. See Figure 1.
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347 <210> SEQ ID NO: 17
348 <211> LENGTH: 45

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349 <212> TYPE: DNA
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/06/2002
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Input Set : A:\1406-37.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:12; N Pos. 11,12,17,18,23,24

Seq#:14; N Pos. 14,15,20,21,26,27

Seq#:17; N Pos. 13,14,19,20

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,11,12,13,14,15,16,17,18,23,24,25